

SHUMAKER & SIEFFERT, P.A.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: AMPLIFIER MODULATION

The specification of which

- a. ☒ is attached hereto
b. ☐ was filed on _____ as application serial no. _____ and was amended on _____ (if applicable) or
c. ☐ was (in the case of a PCT-filed application) described and claimed in international no. _____ filed _____ and as amended on _____ (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- a. ☒ no such applications have been filed.
b. ☐ such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS

I hereby appoint Practitioners at Customer Number 28863



28863

PATENT TRADEMARK OFFICE

Steven J. Shumaker	Reg. No. 36,275	Daniel J. Hanson	Reg. No. 46,757
Kent J. Sieffert	Reg. No. 41,312	Kelly P. Fitzgerald	Reg. No. 46,326
Allen J. Oh	Reg. No. 42,047		

as my/our attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Shumaker & Sieffert, P.A. to the contrary.

Please direct all correspondence in this case to:

SHUMAKER & SIEFFERT, P.A.
150 Gateway Corporate Center I
576 Bielenberg Drive
St. Paul, Minnesota 55125
Telephone: 651.735.1100
Facsimile: 651.735.1102

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name Of Inventor	Family Name Jesme	First Given Name Ronald	Second Given Name David
Residence & Citizenship	City Plymouth	State or Foreign Country Minnesota	Country of Citizenship United States of America
Post Office Address	Post Office Address 17020 County Road 6	City Plymouth	State & Zip Code/Country Minnesota 55447/USA
Signature of Inventor: <i>Ronald Jesme</i>			Date: 10/15/2001

Full Name Of Inventor	Family Name	First Given Name	Second Given Name
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
Post Office Address	Post Office Address	City	State & Zip Code/Country
Signature of Inventor:			Date:

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;
- or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

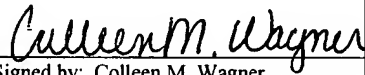
32692
Customer Number

Patent
Case No.: 56947US016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: JESME, RONALD D.
Application No.: Divisional of 09/978329 Group Art Unit: Unknown
Filed: March 31, 2004 Examiner: Unknown
Title: AMPLIFIER MODULATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:	
March 31, 2004 Date	 Signed by: Colleen M. Wagner

STATEMENT UNDER 37 CFR 3.73(b)

The undersigned states that 3M Innovative Properties Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, is:

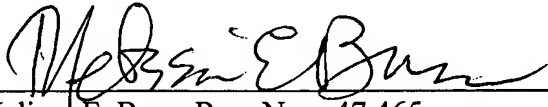
1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest in the patent application/patent identified above. The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012265, Frame 0936, or for which a copy thereof is attached.

The undersigned Practitioner of Record is authorized to act on behalf of the assignee.

March 31, 2004
Date

By: 
Melissa E. Buss, Reg. No.: 47,465
Telephone No.: (651) 733-0649

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO
And
CORRESPONDENCE ADDRESS INDICATION FORM**

I hereby appoint:

☒ Practitioners at Customer Number



32692

as attorney(s) or agents(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b)

Please recognize or change the correspondence address to the address of the Assignee at:

☒ The above-mentioned Customer Number

A copy of this form, together with a statement under 37 CFR 3.73(b) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Carolyn A. Bates		
Signature	<i>Carolyn A. Bates</i>	Date	<i>Feb. 3, 2004</i>
Title	Secretary, 3M Innovative Properties Company	Telephone	651-733-1523